








# CITY COUNCIL

## AGENDA REQUEST

|  |   |                                 |   |
|--|---|---------------------------------|---|
| <b>AGENDA OF:</b>  | <b>05-06-14</b>   | <b>AGENDA REQUEST NO:</b>       | <b>V-J</b>  |
| <b>INITIATED BY:</b>   | <b>JAMES TURNER, P.E., TRAFFIC ENGINEERING &amp; CONTROLS MANAGER</b>   | <b>RESPONSIBLE DEPARTMENT:</b>  | <b>PUBLIC WORKS</b>   |
| <b>PRESENTED BY:</b>   | <b>JAMES TURNER, P.E., TRAFFIC ENGINEERING &amp; CONTROLS MANAGER</b>   | <b>DIRECTOR:</b>                | <b>ROBERT VALENZUELA, P.E. DIRECTOR OF PUBLIC WORKS</b><br>RV   |
|  |   | <b>ADDITIONAL DIRECTOR (S):</b> | <b>N/A</b>  |
| <b>SUBJECT / PROCEEDING:</b>   | <b>MULTIPOLYMER PAVEMENT MARKING PROJECT<br/>AUTHORIZE RENEWABLE CONSTRUCTION CONTRACT</b>  |                                 |   |
| <b>EXHIBITS:</b>   | <b>LOCATION MAP<br/>COST ESTIMATE<br/>RENEWABLE CONTRACT</b>  |                                 |   |
| <b>CLEARANCES</b>  |   | <b>APPROVAL</b>                 |   |
| <b>LEGAL:</b>  | <b>MEREDITH RIEDE,</b> <br><b>ASSISTANT CITY ATTORNEY</b>  | <b>ASSISTANT CITY MANAGER:</b>  | <b>MIKE GOODRUM</b>  |
| <b>PURCHASING:</b>   | <b>TODD REED, CPPB, CPPO</b><br><b>PURCHASING MANAGER</b>  | <b>ASSISTANT CITY MANAGER:</b>  | <b>N/A</b>  |
| <b>BUDGET:</b>   | <b>BRYAN GUINN</b> <br><b>BUDGET OFFICER</b>               | <b>CITY MANAGER:</b>            | <b>ALLEN BOGARD</b>  |
| <b>BUDGET</b>  |   |                                 |   |
| <b>EXPENDITURE REQUIRED: \$</b>  |   | <b>160,000</b>                  |   |
| <b>CURRENT BUDGET: \$</b>  |   | <b>160,000</b>                  |   |
| <b>ADDITIONAL FUNDING: \$</b>  |   | <b>N/A</b>                      |   |
| <b>RECOMMENDED ACTION</b>  |   |                                 |   |
| Authorize a renewable construction contract in the amount of \$160,000 to Batterson, LLP for FY14 Multipolymer Pavement Marking Project. |   |                                 |   |

## EXECUTIVE SUMMARY

As part of the City's Pavement Marking Program, the Public Works Department's Traffic Division is responsible for the maintenance of all the pavement markings in the public right-of-way. Pavement markings keep motorists safe by providing guidance on roadways. Good striping helps prevent collisions with oncoming vehicles or vehicles traveling in the same direction, as well as run-off-the-road crashes. Pavement markings are especially important at night and during bad weather when visibility is low. The project utilizes a Multipolymer product which is a two part epoxy. The product is considered a new pavement marking material that provides superior retro reflectivity with lasting durability. Last year, approximately 37 miles of two lane roads were re-striped including intersections. The proposed arterial roads for this year's project are Burney Road (Voss to US 90A), University Boulevard (US 59 to SH 6), Palm Royal (Sweetwater to Commonwealth) which is approximately 14 miles of two lane roads(including intersections) that will be addressed.

On March 12, 2014 and March 19, 2014, the City published an invitation to bid (ITB) for construction services for Multipolymer Pavement Marking Project. On March 27, 2014, two sealed proposals were received for the Multipolymer Pavement Marking Project. Each proposal included unit price bids on a list of items needed to complete the project. The unit bid prices for each of the submitted proposals were used in conjunction with a material estimate performed by the Traffic Division to come up with estimated cost. The estimate showed that Batterson, LLP was the successful bidder. The contract is structured as a unit price contract which enables Public Works to utilize as few or as many of the bid services as the budget allows.

Funding for this contract is available through the Public Works – Traffic Operations & Maintenance budget for FY14.

The Public Works Department recommends that the City Council award the contract for the first year of a four-year option with Batterson, LLP in the amount of \$160,000 for the FY14 Multipolymer Pavement Marking Project.

## EXHIBITS

### Cost Estimate

| <b>Arterial</b> | <b>Batterson, LLP</b> | <b>Professional Traffic Control, LLC</b> |
|-----------------|-----------------------|--|
| Burney          | \$64,894              | \$85,149                                 |
| Palm Royal      | \$13,633              | \$19,508                                 |
| University Blvd | \$81,473              | \$102,882                                |
| <b>Total</b>    | <b>\$160,000</b>      | <b>\$207,539</b>                         |

**CITY OF SUGAR LAND**  
**STANDARD CONTRACT FOR GENERAL SERVICES**  
Over \$50K

**I. General Information and Terms.**

Contractor's Name and Address:     Batterson LLP  
   955 Judiway  
   Houston, Texas 77018

Description of Services:                Pavement Markings

Maximum Contract Amount:         \$160,000

Effective Date: On the latest date of the dates executed by both parties.

Termination Date:                        September 30, 2014

Renewal:     Subject to the Termination provision set forth elsewhere in this Contract, the term of this Contract shall automatically renew without further documentation or agreement annually for three additional one-year terms under the terms and conditions provided herein, unless written notice of a party's intent not to renew is received by the other party on or before thirty (30) days before the expiration of the then current term.

**II. Signatures.** By signing below, the parties agree to the terms of this Contract:

**CITY OF SUGAR LAND**

\_\_\_\_\_  
City Manager or Assistant City Manager

Date: \_\_\_\_\_

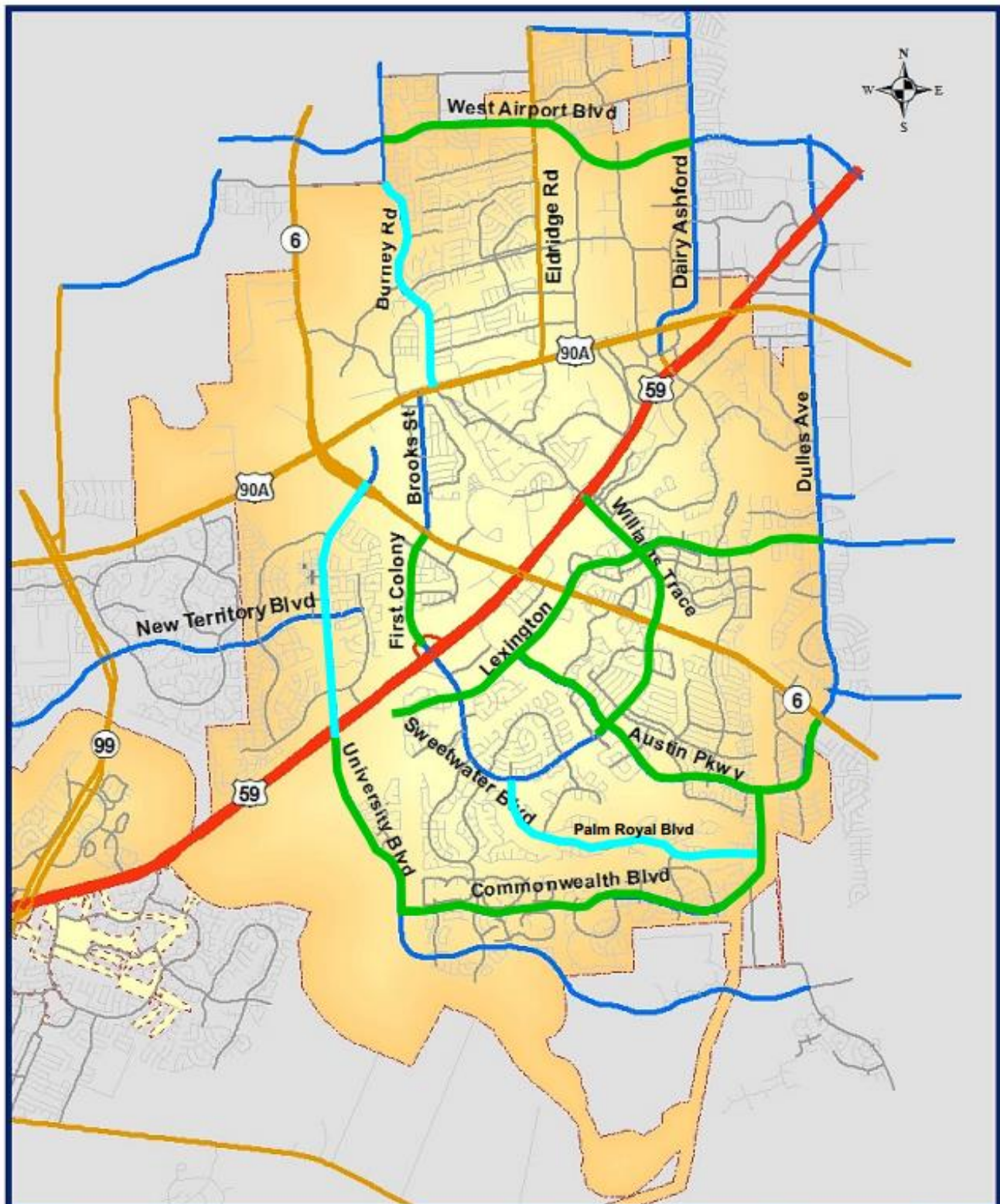
**CONTRACTOR**

By: \_\_\_\_\_

Date: 4-10-14

APPROVED AS TO FORM:

*Meredith Riedel*



# **MULTIPOLYMER PAVEMENT MARKINGS**

## **Legend**

- ARTERIAL
- FY13
- FY14



### Material Estimate

| Arterial        | Miles<br>(2-way) | Cost per<br>Arterial | ELIM 4" | ELIM 8" | ELIM 12" | ELIM 24" | ELIM<br>ARROW | ELIM<br>DBL<br>ARR | ELIM<br>WORD | ELIM<br>Bike<br>Symbol |
|-----------------|------------------|----------------------|---------|---------|----------|----------|---------------|--------------------|--------------|------------------------|
| Burney          | 3.8              | \$64,894             | 31023   | 1548    | 522      | 1994     | 47            | 2                  | 28           | 40                     |
| Palm Royal      | 5                | \$13,633             | 9510    | 160     | 0        | 667      | 3             | 0                  | 3            | 0                      |
| University Blvd | 5.2              | \$81,473             | 12088   | 12204   | 3987     | 1347     | 80            | 8                  | 70           | 22                     |

|               |           |                |               |               |              |              |            |           |            |           |
|---------------|-----------|----------------|---------------|---------------|--------------|--------------|------------|-----------|------------|-----------|
| <b>Totals</b> | <b>14</b> | <b>160,000</b> | <b>52,621</b> | <b>13,912</b> | <b>4,509</b> | <b>4,008</b> | <b>130</b> | <b>10</b> | <b>101</b> | <b>62</b> |
|---------------|-----------|----------------|---------------|---------------|--------------|--------------|------------|-----------|------------|-----------|

| Striping Quantities |                        |                           |                           |                           |                           |                            |                            |                             |                              |                        |                    |                                |                           |                            |                            |                        |                               |                               |
|---------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------|--------------------|--------------------------------|---------------------------|----------------------------|----------------------------|------------------------|-------------------------------|-------------------------------|
| Arterial            | MULTI (W)(4")<br>(SLD) | MULTI<br>(W)(4")<br>(BRK) | MULTI<br>(B)(4")<br>(BRK) | MULTI<br>(W)(4")<br>(DOT) | MULTI<br>(W)(8")<br>(SLD) | MULTI<br>(W)(12")<br>(SLD) | MULTI<br>(W)(24")<br>(SLD) | MULTI<br>(W)<br>(ARRO<br>W) | MULTI<br>(W)<br>(DBL<br>ARR) | MULTI<br>(W)<br>(WORD) | Bike (W)<br>Symbol | Share<br>Bike<br>Symbol<br>(W) | MULTI<br>(Y)(4")<br>(SLD) | MULTI<br>(Y)(12")<br>(SLD) | MULTI<br>(Y)(24")<br>(SLD) | REFL<br>MRKR<br>TY I-C | REFL<br>MRKR<br>TY II-A-<br>A | REFL<br>MRKR<br>TY II-C-<br>R |
| Burney              | 15225                  | 244                       | 0                         | 0                         | 1643                      | 522                        | 1532                       | 47                          | 2                            | 28                     | 20                 | 20                             | 15634                     | 0                          | 462                        | 26                     | 1030                          | 196                           |
| Palm Royal          | 0                      | 9510                      | 0                         | 0                         | 160                       | 0                          | 667                        | 3                           | 0                            | 3                      | 0                  | 0                              | 0                         | 0                          | 0                          | 15                     | 0                             | 260                           |
| University Blvd     | 752                    | 9546                      | 610                       | 630                       | 12204                     | 3947                       | 1347                       | 80                          | 8                            | 70                     | 0                  | 0                              | 550                       | 40                         | 0                          | 14                     | 14                            | 1152                          |
| <b>Totals</b>       | <b>15,977</b>          | <b>19,300</b>             | <b>610</b>                | <b>630</b>                | <b>14,007</b>             | <b>4,469</b>               | <b>3,546</b>               | <b>130</b>                  | <b>10</b>                    | <b>101</b>             | <b>20</b>          | <b>20</b>                      | <b>16,184</b>             | <b>40</b>                  | <b>462</b>                 | <b>55</b>              | <b>1,044</b>                  | <b>1,608</b>                  |